

ATTENTION ATTENTION ATTENTION

Method of Refund:

REFUND COMPLETED
PCT NATIONAL DIVISION

☐ ACH/EFT

☐ Credit Card

☒ Deposit Account # 14-1140

☐ Treasury Check

Patent/TM/App/Serial # 10,521,721

Program Area PCT National

Date Processed 06-28-06

ATTENTION ATTENTION ATTENTION



REFUND COMPLETED
PCT NATIONAL DIVISION

sep 8 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2006 JUN -9 PM 3:29

In re Patent Application of

FREBOURG et al

Atty. Ref.: 4411-10 US PATENT & TRADEMARK
OFFICE

Serial No. 10/521,721

Group: 1637

Filed: January 19, 2005

Examiner: BERTAGNA

For: QUANTITATIVE MULTIPLEX AMPLIFICATION ON A
GENOMIC SCALE, AND APPLICATIONS FOR DETECTING
GENOMIC REARRANGEMENTS
* * * * *

June 8, 2006

Mail Stop 16

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

REFUND REQUEST

The Office is requested to refund the undersigned's Deposit Account for the
\$400.00 (Fee Code 1614) debited to Deposit Account No. 14-1140 in the monthly
statement of July 2005, copy attached. A further explanation of the charge is requested
in the event the Patent Office continues to believe the charge was appropriately made.

The Preliminary Amendment of January 19, 2005, contains a total of ninety-four
(94) claims, six (6) of which are independent and the extra independent claim fee of
\$600 for three (3) extra independent claims was included in the attached Transmittal
Letter filed January 19, 2005. The attached PTO Fee Calculation Sheet obtained from
the PTO IFW indicates claims 32 and 36 as independent claims. The Preliminary

FREBOURG et al
Serial No. 10/416,225

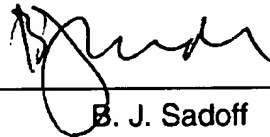
Amendment filed January 19, 2005, however shows both claims 32 and 36 depend on claim 26 and therefore are not independent claims.

Accordingly, in view of the above and attached, the \$400 fee charged by the Patent Office to the undersigned's Deposit Account in the attached statement of July 2005 is believed to be in error and a refund of the \$400, or further explanation, is requested.

Respectfully submitted,

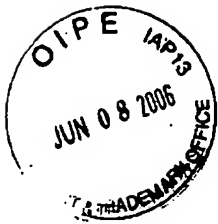
NIXON & VANDERHYE P.C.

By: _____



B. J. Sadoff
Reg. No. 36,663

BJS:pp
901 North Glebe Road, 11th Floor
Arlington, VA 22203-1808
Telephone: (703) 816-4000
Facsimile: (703) 816-4100



07/14 5	10521721	4411-10 \ n T	1614	\$400.00	\$10,697.98
---------	----------	---------------	------	----------	-------------

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 4411-10
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) Unknown COPY
INTERNATIONAL APPLICATION NO. PCT/EP2003/008476	INTERNATIONAL FILING DATE 18 July 2003	PRIORITY DATE CLAIMED 19 July 2002
TITLE OF INVENTION QUANTITATIVE MULTIPLEX AMPLIFICATION ON A GENOMIC SCALE, AND APPLICATIONS FOR DETECTING GENOMIC REARRANGEMENTS		
APPLICANT(S) FOR DO/EO/US FREBOURG et al		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.		
3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).		
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2).		
a. <input checked="" type="checkbox"/> is attached hereto (93 pages specification, claims & abstract (43 claims), 9 sheets drawings and 14 sheets sequence listing).		
b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)		
a. <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page Certificate of Translation).		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).		
9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).		
b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5).		
Items 11 To 20 below concern document(s) or information included:		
11. <input checked="" type="checkbox"/> PTO-1449 and copy of International Search Report..		
12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.		
13. a. <input checked="" type="checkbox"/> A FIRST preliminary amendment.		
b. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A change of power of attorney and/or address letter.		
<input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825 and Statement re: same		
18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		
20. <input checked="" type="checkbox"/> Other items or information. (1) AMENDED SHEETS ATTACHED TO IPER (pages 77-92 containing 40 claims)		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown	INTERNATIONAL APPLICATION NO. PCT/EP2003/008476	ATTORNEY'S DOCKET NUMBER 4411-10
--	---	--

21. <input checked="" type="checkbox"/> The following fees are submitted:							
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):							
<input checked="" type="checkbox"/> a) Basic national fee					\$300.00 (1631)/\$150.00 (2631)	\$	300.00
<input checked="" type="checkbox"/> b) Examination Fee					\$200.00 (1633)/\$100.00 (2633)	\$	200.00
<input checked="" type="checkbox"/> c) Search Fee					\$500.00 (1632)/\$250.00 (2632)	\$	500.00
TOTAL OF ABOVE CALCULATIONS.....					\$1000.00/\$500.00	\$	1000.00
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE			
116 -100	16 /50 =	1		\$250.00 (1681)		\$	250.00
				\$0.00 (2681)			
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e).						\$	130.00
CLAIMS		NUMBER FILED		# EXTRA		RATE	
Total Claims	40	minus 20	=	20 X	\$50.00 (1615)/	\$25.00 (2615)	\$ 1000.00
Independent Claims	6	minus 3 =	=	3 X	\$200.00 (1614)	\$100.00 (2614)	\$ 600.00
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)					\$360.00 (1616)/\$180.00 (2616)		\$ 0.00
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)						\$	0.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.							
Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f).						\$	0.00
TOTAL NATIONAL FEE =						\$	2980.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property						\$	0.00
Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)						\$	0.00
TOTAL FEES ENCLOSED =						\$	2980.00
						Amount to be:	
						refunded	\$
						Charged	\$

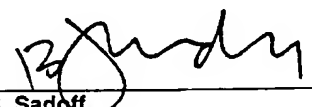
- a. ☒ A check in the amount of \$2980.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees.
A duplicate copy of this form is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
- d. ☒ **CREDIT CARD PAYMENT FORM ATTACHED.**
- e. ☒ The entire content of International Application No. PCT/EP2003/008476 and any U.S. and foreign application(s) corresponding thereto, and FR 02/09247, referred to in this application is/are hereby incorporated by reference in this application.
- NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.

CORRESPONDENCE ADDRESS

Direct all correspondence to:

☒ **Customer Number:** 23117
Type Customer Number here

Telephone: (703) 816-4000
S:my


B. J. Sadoff
NAME

36,663 **January 19, 2005**
REGISTRATION NUMBER Date

O I P E
JUN 08 2006
U.S. PATENT & TRADEMARK OFFICE

MULTIPLE DEPENDENT CLAIM
FEE SCHEDULE SHEET
(FOR USE WITH FORM PTO-875)

SERIAL NO. 10/521721
FILING DATE
APPLICANT(S)

COPY

CLAIMS

	AS FILED		AFTER 1 st AMENDMENT		AFTER 2 nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
1			/			
2			/			
3				/		
4				/		
5				/		
6				/		
7				/		
8				/		
9			/			
10				/		
11				/		
12				/		
13				/		
14				/		
15				/		
16				/		
17				/		
18				/		
19			/			
20				/		
21			/			
22			/			
23				/		
24				/		
25				/		
26				10		
27				10		
28				10		
29				10		
30				10		
31				10		
32			/			
33				/		
34				/		
35				/		
36			/			
37				/		
38				/		
39				/		
40				/		
41				/		
42						
43						
44						
45						
46						
47						
48						
49						
50						
TOTAL IND.			8			
TOTAL DEP.			86			
TOTAL CLAIMS			94			

PTO-1346 (REV. 11/01)

	AS FILED		AFTER 1 st AMENDMENT		AFTER 2 nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						
TOTAL IND.						
TOTAL DEP.						
TOTAL CLAIMS						

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 8, 2004

Application or Docket Number
10/521721

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
U.S. NATIONAL STAGE FEES		
BASIC FEE	SMALL ENT. = \$ 150	LARGE ENT. = \$ 300
EXAMINATION FEE	Satisfies PCT Article 33(1)-(4) = \$ 50 / \$ 100	All other situations = \$ 100 / \$ 200
SEARCH FEE	U.S. is ISA = \$ 50 / \$ 100 ALL other countries = \$ 200 / \$ 400	All other situations = \$ 250 / \$ 500
FEE FOR EXTRA SPEC. PGS.	minus 100 =	/ 50 =
TOTAL CHARGEABLE CLAIMS	94 minus 20 =	74
INDEPENDENT CLAIMS	8 minus 3 =	3
MULTIPLE DEPENDENT CLAIM PRESENT		<input checked="" type="checkbox"/>

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐ OR

OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	
EXAM. FEE	
SEARCH FEE	
X \$ 125 =	
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL	

RATE	FEE
BASIC FEE	300
EXAM. FEE	200
SEARCH FEE	400
X \$ 250 =	
X \$ 50 =	3,700
X \$ 200 =	600
+ \$ 360 =	360
TOTAL	5960

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL ADDIT. FEE	

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 - ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20".
 - *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3".
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

CORRECTED

MULTIPLE DEPENDENT CLAIM FEE SCHEDULE SHEET (FOR USE WITH FORM PTO-875)							SERIAL NO. 10/521721		FILING DATE				
							APPLICANT(S)						
CLAIMS													
	AS FILED		AFTER 1 st AMENDMENT		AFTER 2 nd AMENDMENT			AS FILED		AFTER 1 st AMENDMENT		AFTER 2 nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.		IND.	DEP.	IND.	DEP.	IND.	DEP.
1			/				51						
2			/				52						
3				/			53						
4				/			54						
5				/			55						
6				/			56						
7				/			57						
8				/			58						
9			/				59						
10				/			60						
11				/			61						
12				/			62						
13				/			63						
14				/			64						
15				/			65						
16				/			66						
17				/			67						
18				/			68						
19			/				69						
20				/			70						
21			/				71						
22			/				72						
23				/			73						
24				/			74						
25				/			75						
26				10			76						
27				10			77						
28				10			78						
29				10			79						
30				10			80						
31				10			81						
32			/	/			82						
33				/			83						
34				/			84						
35				/			85						
36			/	/			86						
37				/			87						
38				/			88						
39				/			89						
40				/			90						
41							91						
42							92						
43							93						
44							94						
45							95						
46							96						
47							97						
48							98						
49							99						
50							100						
TOTAL IND.			↓	6	↓		TOTAL IND.		↓		↓		↓
TOTAL DEP.			←	88	←		TOTAL DEP.		←		←		←
TOTAL CLAIMS				94			TOTAL CLAIMS						

PATENT APPLICATION SERIAL NO.

10/521721

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

Adjustment date: 10/02/2006 THOLLAND
07/14/2005 PROOKER 00000002 141148 10521721
01 FC:1614 400.00 CR -600.00 CP

01/25/2005 LLANDGRA 00000070 10521721

01 FC:1631	300.00 OP
02 FC:1632	300.00 OP
03 FC:1633	200.00 OP
04 FC:1681	250.00 OP
05 FC:1617	130.00 OP
06 FC:1614	600.00 OP
07 FC:1615	1000.00 OP

07/14/2005 PROOKER 00000001 141148 10521721
01 FC:1615 2700.00 DA 1800.00 OP

Adjustment date: 06/23/2005 SMAJARRO
11/25/2005 LLANDGRA 00000070 10521721
12 FC:1632 -500.00 OP

6/23/2005 SMAJARRO 00000010 10521721

1 FC:1642 400.00 OP

Refund Ref: 0030022858
16/23/2005

Credit Card Refund Total: \$100.00

Re Exp.: XXXXXXXXXXXX2021

07/14/2005 PROOKER 00000003 141148 10521721
07 FC:1615 360.00 DA -1000.00 CP
01 FC:1616

10/02/2006 THOLLAND 00000007 10521721

01 FC:1614 600.00 OP

PTO-1556
(5/87)

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ BLACK BORDERS
- ☒ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.